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Data sheet   **3SE2903-1AA20**
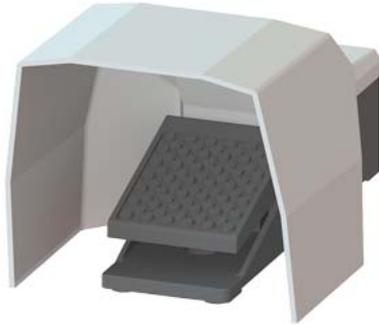
Momentary-contact foot switch, 1-pedal, with cover, without latching, Metal enclosure IP65, 2 NO+2 NC, Cable entry M20 x 1.5

product brand name	SIRIUS
product designation	momentary-contact foot switch
product type designation	3SE29
suitability for use safety switch	No
General technical data	
protection class IP	IP65
mechanical service life (operating cycles) typical	1 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Lead - 7439-92-1
Weight	1.48 kg
number of switching steps	1
number of the actuation pedals	1
minimum actuating force in directions of actuation	20 N
Ambient conditions	
ambient temperature during operation	-25 ... +80 °C
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	2
operational current at AC-15	
● at 230 V rated value	6 A
● at 400 V rated value	6 A
operational current at DC-13	
● at 24 V rated value	3 A
● at 250 V rated value	0.25 A
Enclosure	
material of the enclosure	metal
color	
● of the enclosure	black
● of the enclosure top part	grey
Actuator	
product feature	
● interlock	No
● latching	No
cable entry type	M20 x 1.5
Installation/ mounting/ dimensions	
height	138 mm
width	156 mm
depth	265 mm
Safety related data	
proportion of dangerous failures	

● with low demand rate according to SN 31920	50 %
● with high demand rate according to SN 31920	50 %
B10 value with high demand rate according to SN 31920	1 000 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
IEC 61508	
T1 value for proof test interval or service life according to IEC 61508	20 a

Approvals Certificates

General Product Approval				Test Certificates	Marine / Shipping
CSA	UK CA	CE EG-Konf.	EAC	Miscellaneous	PRS

other	Environment
Confirmation	Environmental Confirmations

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE2903-1AA20

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2903-1AA20

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE2903-1AA20

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2903-1AA20&lang=en

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Dimensional Drawings

Front view:
- 140
- 63,7
- 70
- 156

Side view:
- 162
- 72
- 236,7
- 261

Circuit Diagram

A   B

-B

	24	12	24	12

	23	11	23	11

last modified: 4/2/2025

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